

1/8

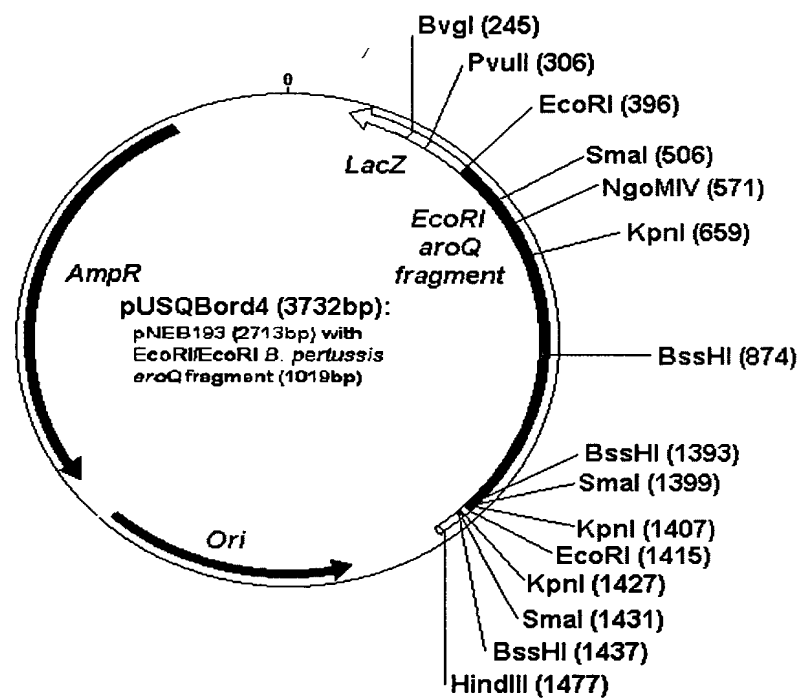


FIGURE 1

2/8

GENE	1	TTGANGNCCA	TTGCCGTTTT	GGCGTTAAAA	AGGCGGTTTA	TCGCTCGTAT	50
pagene		.....	.....	.....	.....	.....
apcutgene		.....	.....	.....	.....	.....
cpgene		.....	.....	.....	.....	.....
ncgene		.....	.....ctccca	caagcccatc	gcacccaacc		
GENE	51	TGCCAACAGT	TTGGCAAGCT	CCATGGCGCA	ACGCATCTT	GTTTTCGAT	100
pagene		.....	.....	.....atggc	gaccctctcc	gtattgctcg	
apcutgene		.....	.....	.....atgaa	aaaaatctct	ctgttcaaccg	
cpgene		.....	.....	.....at	gaatactctg	gttctgaatcg	
ncgene		agaggtacca	aacacaatgg	cgtccccccg	tcacacaccc	ctcatcaccg	
GENE	101	GTCCTAACCT	GAATCTGCTC	GGACCTGGG	AGCCTCATAT	CTACGGCAGC	150
pagene		ggcgaatctt	gaacctgctg	ggcactctcg	agcccgccac	ctacggttcg	
apcutgene		ggcgaatctt	aaatatgtta	ggtaaacccg	agccgcatat	ttatggctcg	
cpgene		ggcgaatctt	ctgactgctg	ggtaaacccg	aaacagaaat	ttatggctcg	
ncgene		ggcgaatctt	caactctctc	ggtaaacccg	agccccaat	ctatggctca	
GENE	151	CTGACGCTGG	CGCAGATCCA	CCGGGGCTTG	GCGGCGCTCG	CCGGCCAGCT	200
pagene		accactctcg	ggcagatcaa	ccaggacctc	gagcgcctcg	cccgcgagc	
apcutgene		cagactctct	cagatatgga	acacacactta	caacaatccg	cacaggcaca	
cpgene		accactctcg	ctgactgctg	aaactactct	gtgaagcctg	ctgactgctg	
ncgene		accactctcg	atgactctcg	gcaagcctcc	cagactctcg	ctgactctcg	
GENE	201	CGCGTGCGG	CTGACCTCGT	GGCAAGCA	TCACCAAGGT	GCGCTGCTCG	250
pagene		cggccaccac	ctgctgcatc	tgcagagcaa	cgccgaatac	gaactgactcg	
apcutgene		aggctacgaa	ttggattatt	ttcaagcga	cggagaagag	tcgctgactta	
cpgene		ggggtgacg	gttattgtta	aacaaatcaa	ctatgagggg	gaactgactag	
ncgene		aggctctcgt	cttacaacct	tccagctcaa	ccatgagga	gccatgactcg	
GENE	251	AGCCTAACCA	GGCGCT	.....	.....	.....	300
pagene		atcggaatcca	tgcctgc	.....	.....	.....
apcutgene		atcggaatcca	tcaagc	.....	.....	.....
cpgene		atcggaatcca	cgagc	.....	.....	.....
ncgene		atcggaatcca	tcaagcagcg	ggattcgtcc	cgtctccacc	gtcaccgctcg	
GENE	301	.....	.....	.....	.....GG	CGGCCGACGG	350
pagene		.....	.....	.....	.....gc	gcgacgaagg	
apcutgene		.....	.....	.....	.....	atttcgaaa	
cpgene		.....	.....	.....	.....	tgctgtgc	
ncgene		ccgtcaagtg	ccgcaaccac	gacggaggca	ggattgggtc	ccggagcaca	
GENE	351	TACCGATTTC	ATCATCATCA	AGCGGCGCC	CTACACCCAC	ACCAGTCTCG	400
pagene		cgtggacttc	atcatcatca	atccgagcgc	attcaaccat	accagcctcg	
apcutgene		taccgacttc	atttatcatca	atccgagcgc	atttaaccat	accagcctcg	
cpgene		tggttgccct	gtgatcatca	atccgagcgc	tcttaaccat	accagcctcg	
ncgene		agtgtcggcc	atcatcatca	atccgagcgc	ttataaccac	accagcctcg	
GENE	401	CGATTCGCGA	TTGCCGTTGG	TCG.....G	TGGCCATACC	GTTTTCGAT	450
pagene		cgttacguga	cgcgcctgctt	gcg.....g	tgagcatctc	atttaccgaa	
apcutgene		caattcggga	tgctgtgttg	gca.....g	tatctattcc	gttaccgaa	
cpgene		cgttcgga	tgctgtgttg	gagattcatg	atggcgcgga	tttaccgaa	
ncgene		gcacccgga	cgcgcctctg	ggga.....	cagggaattcc	gttaccgaa	
GENE	451	CTACATTTGT	CCATCCGTGA	TAAGCGGAT	TCATTCGGC	AGCATTCATA	500
pagene		gtgacactct	cgaacgtgca	caaacgtgaa	cctttccggc	attcactctca	
apcutgene		gttcatctct	caaactgtaca	tgcccggtgaa	cctttccggc	attcactctca	
cpgene		gttcatctct	cgaacgtgca	tgcccggtgaa	gaattccgac	attcactctca	
ncgene		gttcatctct	cgaactgtca	tgcccggtgaa	gccttcagac	attcactctca	
GENE	501	TGCTGTCGAT	CTGGCGATAC	GCCGATATAC	CGGCTGCGC	GCCGATGCTT	550
pagene		cttctccgac	gtggcggttag	ggggaactcg	cggcttcggc	gccacagcct	
apcutgene		tctaaagtga	gttgcaaaag	gcggaacttg	cggcttcggc	gccacagcct	
cpgene		cttctccgac	ataggacgag	gagctatcgc	tggttcggc	gttatggcct	
ncgene		cttgaagtgc	aaggcggtg	cagctatctg	tggttcggc	ccgttcggc	
GENE	551	TCCGAGGCGC	GCTGGCGTAC	GCGGCGCGCC	ACTGATCCTN	GCCCCGGCAT	600
pagene		accgcctggc	cttggaaacc	gcccttgaa	aaattcaacg	ccccctga...	
apcutgene		accgattatgc	cttggaaacc	gccatt...	.....	.....
cpgene		atgaattaac	cttggaaacc	tttggtgctca	atag.....	.....
ncgene		atagtgctgc	cttggaaacc	cttgggagac	acatgaagtt	ttgagaacgg	
	601						650

FIGURE 2

3/8

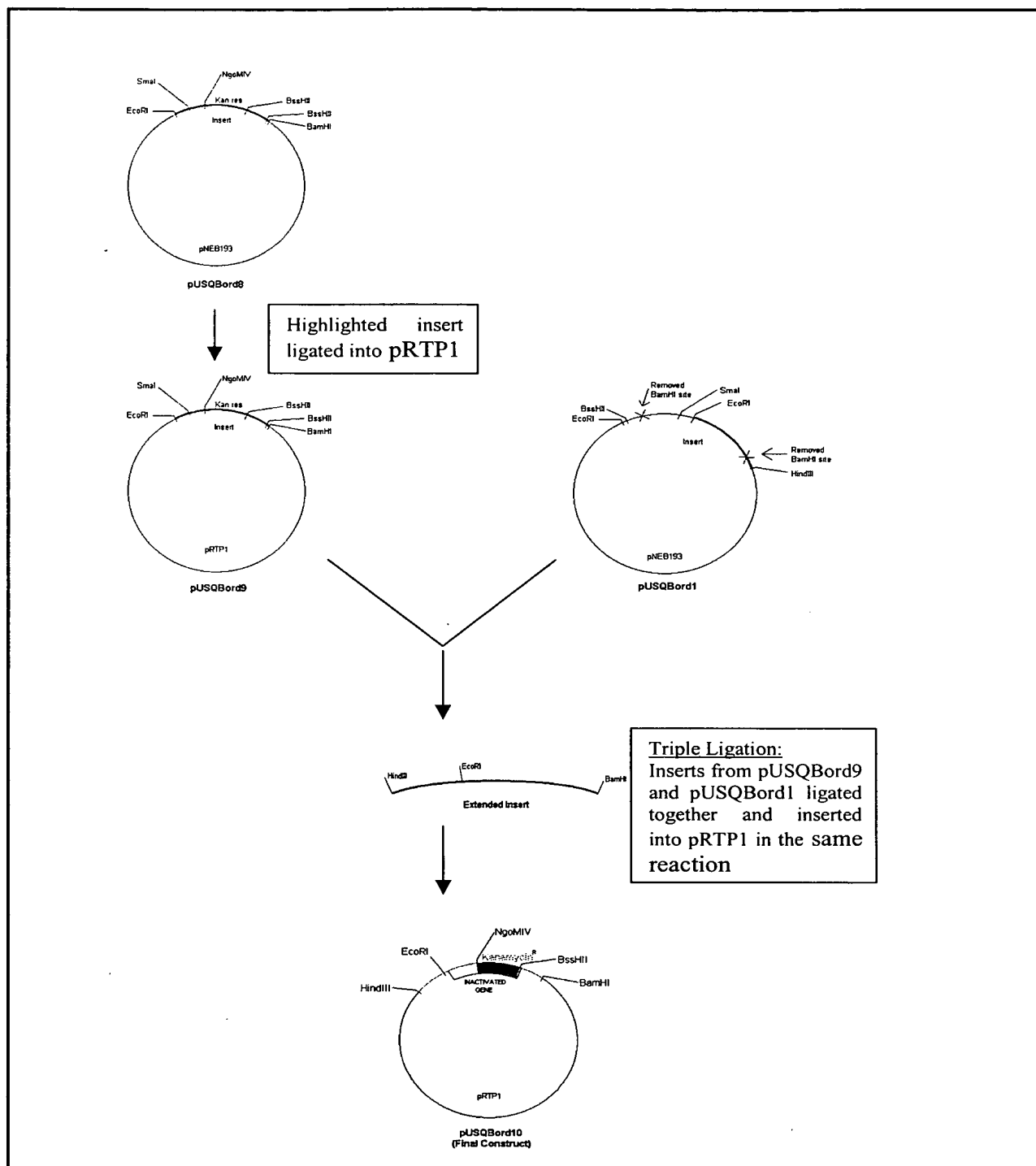


FIGURE 3

4/8

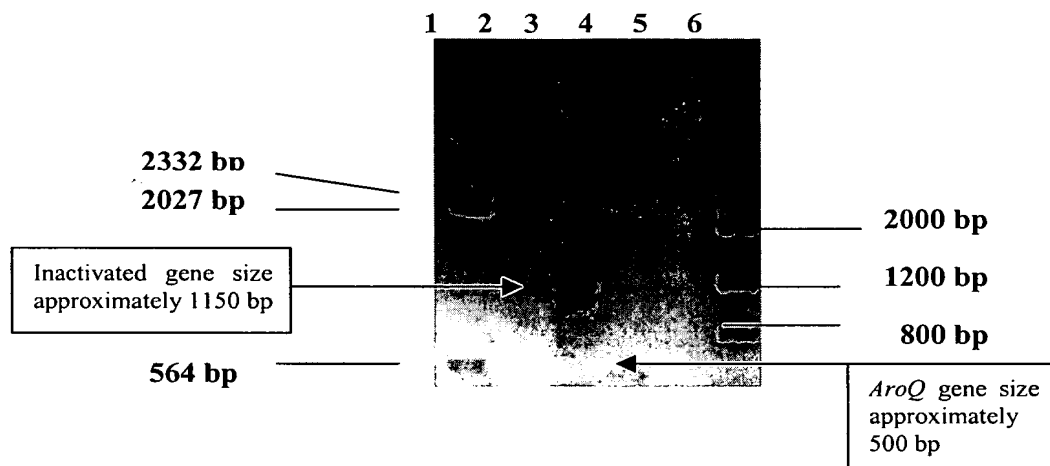


FIGURE 4

5/8

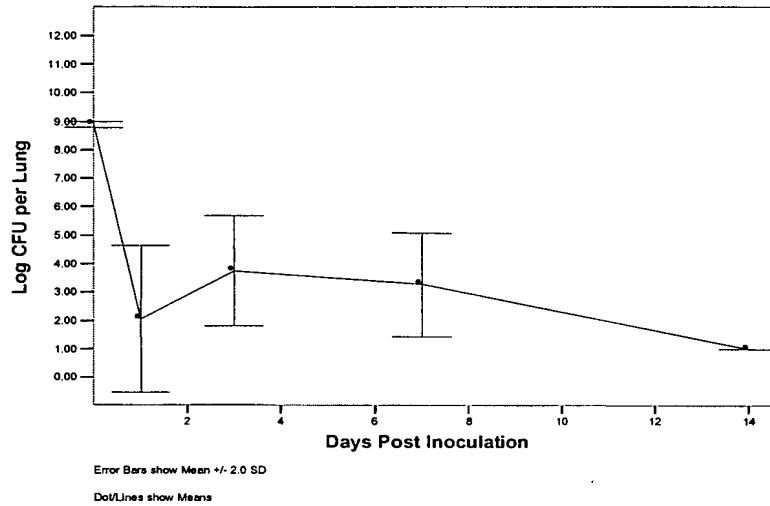


FIGURE 5A

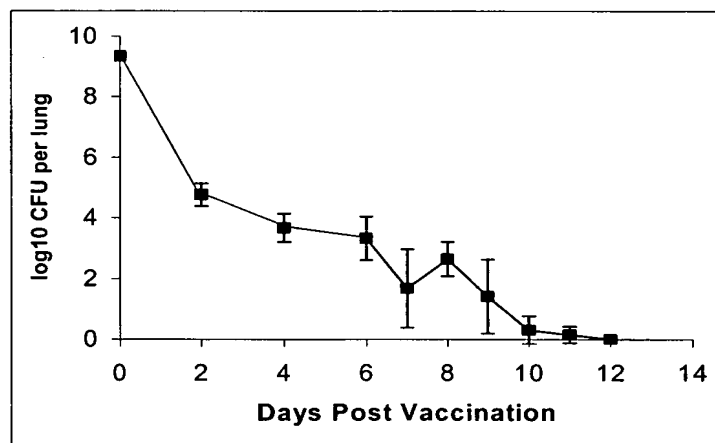


FIGURE 5B

6/8

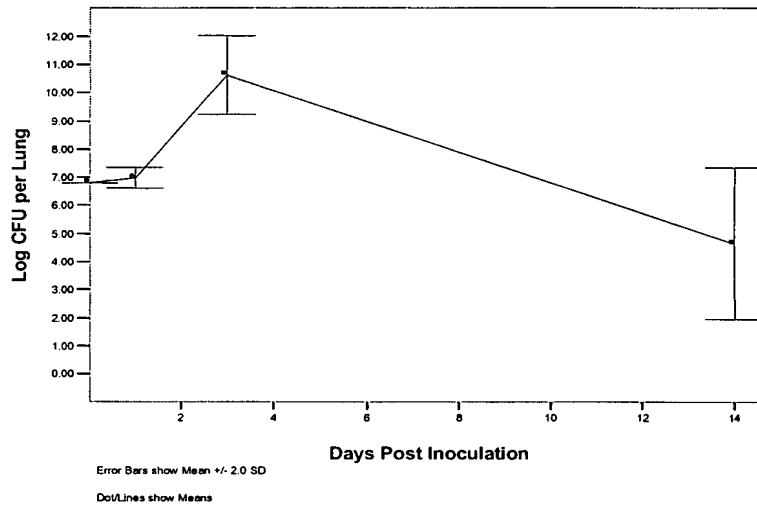


FIGURE 5C

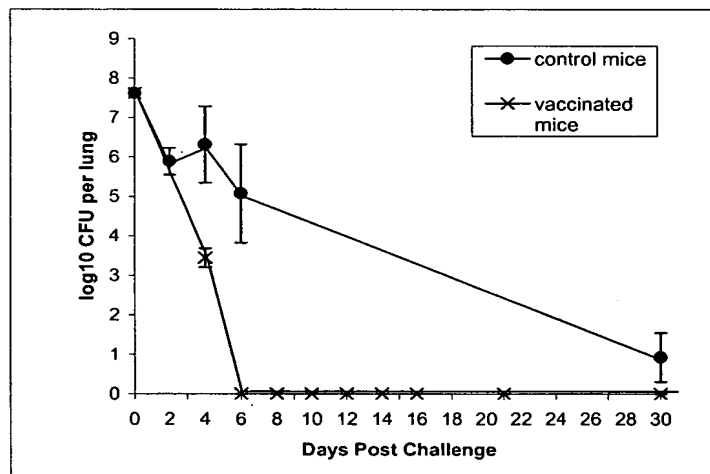


FIGURE 6

7/8

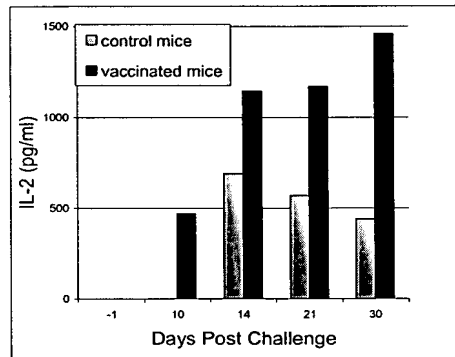


FIGURE 7A

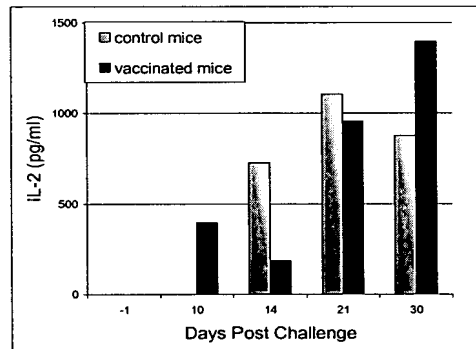


FIGURE 7B

8/8

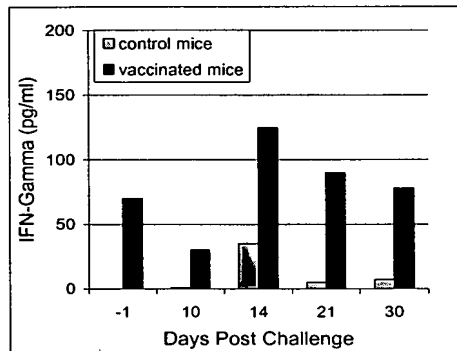


FIGURE 8A

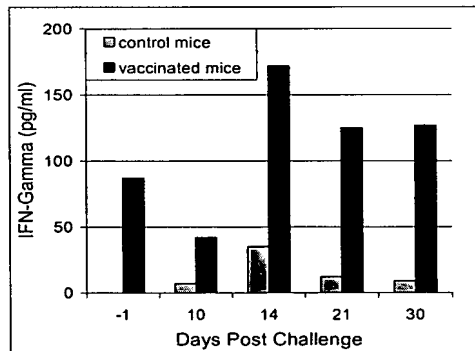


FIGURE 8B